

**A METHOD AND APPARATUS FOR ACTIVE ANNOTATION OF MULTIMEDIA
CONTENT**

Abstract of the Disclosure

Semantic indexing and retrieval of multimedia content requires that the content is
5 sufficiently annotated. However, the great volumes of multimedia data and diversity of labels
make annotation a difficult and costly process. Disclosed is an annotation framework in which
supervised training with partially labeled data is facilitated using active learning. The system
trains a classifier with a small set of labeled data and subsequently updates the classifier by
selecting a subset of the available data-set according to optimization criteria. The process results
10 in propagation of labels to unlabeled data and greatly facilitates the user in annotating large
amounts of multimedia content.

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